

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## NM OIL CONSERVATION

ARTESIA DISTRICT

OCD-ARTESIA  
APR 17 2017FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

RECEIVED

5. Lease Serial No.  
NMLC029392B ✓

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NM720618. Well Name and No.  
GREENWOOD PRE-GRBG FED COM 19. API Well No.  
30-015-22601 ✓10. Field and Pool or Exploratory Area  
SHUGART11. County or Parish, State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

2. Name of Operator

RAY WESTALL OPERATING, INC.

Contact: RENE HOPE

E-Mail: hope\_rene@yahoo.com

3a. Address

PO BOX 4  
LOCO HILLS, NM 88255

3b. Phone No. (include area code)

Ph: 575-677-2372

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T18S R31E Mer NMP 1980FSL 660FWL

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Conduct Safety Meeting Prior to Start of All Operations. Configure SWD per OCD Permit SWD-1664

02/20/17 ? CALL BLM TO NOTIFY WE WERE RIGGING UP ON WELL TO CONVERT TO SWD.

1) 02/21/17 ? RIG UP CEMENT CREW TO SPOT 25 SXS CLASS H PLUG. SPOT CEMENT PLUG, W.O.C. 8 HOURS. TAG PLUG AT 10838? (PBDT). COME OUT OF HOLE WITH TBG, CONTACT BLM TO WITNESS C.I.T. AT 8:00 AM ON 02/22/17.

2) 02/22/17 ? RIG UP PUMP TRUCK AND CHART RECORDER. WAIT ON BLM UNTIL 8:45 AM. NO SHOWED UP. PRESSURE TEST CSG TO 2100 PSI, NO BLEED OFF (CHART ATTACHED). RIG UP WIRELINE TO RUN CBL FROM 10,825? ? 2000?. ESTIMATED T.O.C. AT 2260? FROM SURFACE. CBL SENT ELECTRONICALLY TO BLM ATTN: PAUL SWARTZ.

PERFORATE WELL 10,450? ? 10,458? (32 HOLES), 10,622? ? 10,644? (88 HOLES), 10,688? ? 10,690? (88 HOLES), 10,696? ? 10,705? (36 HOLES), 10,728? ? 10,741? (42 HOLES), 10,762? ? 10,769? (24 HOLES).

Accepted for record

NMOC D RI  
4/25/17

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #371338 verified by the BLM Well Information System  
For RAY WESTALL OPERATING, INC., sent to the Carlsbad  
Committed to AFMS for processing by DEBORAH MCKINNEY on 03/28/17

Name (Printed/Typed) BEN STONE

Title AGENT / CONSULTANT

Signature (Electronic Submission)

Date 03/28/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

**Additional data for EC transaction #371338 that would not fit on the form**

**32. Additional remarks, continued**

3) R02/23/17 ? RIH w/ TBG & TREATING PKR TO 10350?. 02/24/17 ? RIG UP ACID COMPANY TO ACIDIZE PERFS 10,450? ? 10,769?. PUMP 5000 GALLONS 15% ACID WITH BALL SEALERS. FORMATION BROKE AT 4820 PSI. AVERAGE ON ACID 2.0 BPM AT 4350 PSI. FLUSH 2.0 BPM AT 4370 PSI, I.S.I.P 4097 PSI. 240 BBL LOAD TO RECOVER.

4) 02/27/17 ? 300 PSI ON WELL. OPEN WELL TO START FLOWING BACK. WELL DIED IN 5 MINUTES.FLOW BACK 5 BBLS, STATR SWABBING. SWABBED 85 BBLS TO TANK. 150 BBLS TO RECOVER LOAD.

02/28/17 ? SWAB TO TANK 95 BBLS. SWAB FROM SEATING NIPPLE, NO ENTRY IN 60 MINUTES, 55 BBLS TO RECOVER.

03/01/17 ? SWAB TO TANK 50 BBLS, NO HYDROCARBONS OR GAS. 5 BBLS TO RECOVER.

03/02/17 ? SWAB TO TANK 50 BBLS, SWABBED DRY. NO HYDROCARBONS OR GAS SHOW IN SWAB RUN. 45 BBLS OVER LOAD RECOVERED.

03/03/17 ? RIH WITH SWAB, NO ENTRY OVER NIGHT. CALLED BLM, PAUL SWARTZ, HE SAID WE DIDN'T NEED TO CONTINUE SWABBING AS THERE WERE NO HYDROCARBONS IN SAMPLES.

5)03/06/17 ? POOH w/WRKSTRNG & PKR. 03/07/17 ? START IN HOLE WITH INJ. PACKER AND IPC 2 7/8? TBG.

03/08/17 ? FINISH RIH w/ INJ PKR AND IPS 2 7/8? TBG. 03/10/17 ? PUMP PACKER FLUID. SET PACKER AT 10,370? ✓

6)03/22/17 ? NOTIFY OCD DIST 2 AND BLM FOR MIT SCHEDULED FOR 03/24/17

7)PERFORM MIT @ 620 PSI FOR 30 MINS. GOOD TEST.

a) FULL PROCEDURE & DAILY RPT ATTACHED.

b) MIT CHART ATTACHED.

^  
NOT

## **Greenwood Pre Grayburg Com # 1 - Conversion to Salt Water Disposal**

**API # 30-015-22601**

02/20/17 – CALL BLM TO NOTIFY WE WERE RIGGING UP ON WELL TO CONVERT TO SWD. SPOKE WITH GABRIEL. RIG UP WELL SERVICE UNIT. RUN IN HOLE WITH TBG TO TAG PLUG. TAGGED PLUG AT 11,000'. SHUT DOWN FOR NIGHT.

02/21/17 – RIG UP CEMENT CREW TO SPOT 25 SXS CLASS H PLUG. SPOT CEMENT PLUG, W.O.C. 8 HOURS. TAG PLUG AT 10838' (PBSD). COME OUT OF HOLE WITH TBG, CONTACT BLM TO WITNESS C.I.T. AT 8:00 AM ON 02/22/17. LEFT MESSAGE ON MACHINE.

02/22/17 – RIG UP PUMP TRUCK AND CHART RECORDER. WAIT ON BLM UNTIL 8:45 AM. NO SHOWED UP. PRESSURE TEST CSG TO 2100 PSI, NO BLEED OFF (CHART ATTACHED). RIG UP WIRELINE TO RUN CBL FROM 10,825' – 2000'. ESTIMATED T.O.C. AT 2260' FROM SURFACE. CBL SENT ELECTRONICALLY TO BLM ATTN: PAUL SWARTZ. WE WILL MAIL COPIES OF CBL TO NM OCD. PERFORATE WELL 10,450' – 10,458' (32 HOLES), 10,622' – 10,644' (88 HOLES), 10,688' – 10,690' (88 HOLES), 10,696' – 10,705' (36 HOLES), 10,728' – 10,741' (42 HOLES), 10,762' – 10,769' (24 HOLES).

02/23/17 – GO IN HOLE WITH TBG AND TREATING PACKER TO 10350'.

02/24/17 – RIG UP ACID COMPANY TO ACIDIZE PERFS 10,450' – 10,769'. PUMP 5000 GALLONS 15% ACID WITH BALL SEALERS. FORMATION BROKE AT 4820 PSI. AVERAGE ON ACID 2.0 BPM AT 4350 PSI. FLUSH 2.0 BPM AT 4370 PSI, I.S.I.P 4097 PSI. 240 BBL LOAD TO RECOVER.

02/27/17 – 300 PSI ON WELL. OPEN WELL TO START FLOWING BACK. WELL DIED IN 5 MINUTES. FLOW BACK 5 BBLs, STATR SWABBING. SWABBED 85 BBLs TO TANK. 150 BBLs TO RECOVER LOAD.

02/28/17 – SWAB TO TANK 95 BBLs. SWAB FROM SEATING NIPPLE, NO ENTRY IN 60 MINUTES, 55 BBLs TO RECOVER.

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03/02/17 – SWAB TO TANK 50 BBLs, SWABBED DRY. NO HYDROCARBONS OR GAS SHOW IN SWAB RUN. 45 BBLs OVER LOAD RECOVERED.

03/03/17 – GO IN HOLE WITH SWAB, NO ENTRY OVER NIGHT. CALLED BLM, PAUL SWARTZ, HE SAID WE DIDN'T NEED TO CONTINUE SWABBING AS THERE WERE NO HYDROCARBONS IN SAMPLES.

03/06/17 – COME OUT OF HOLE WITH WORKSTRING AND TREATING PACKER.

03/07/17 – START IN HOLE WITH INJ. PACKER AND IPC 2 7/8" TBG.

03/08/17 – FINISH IN HOLE WITH INJ PACKER AND IPS 2 7/8" TBG.

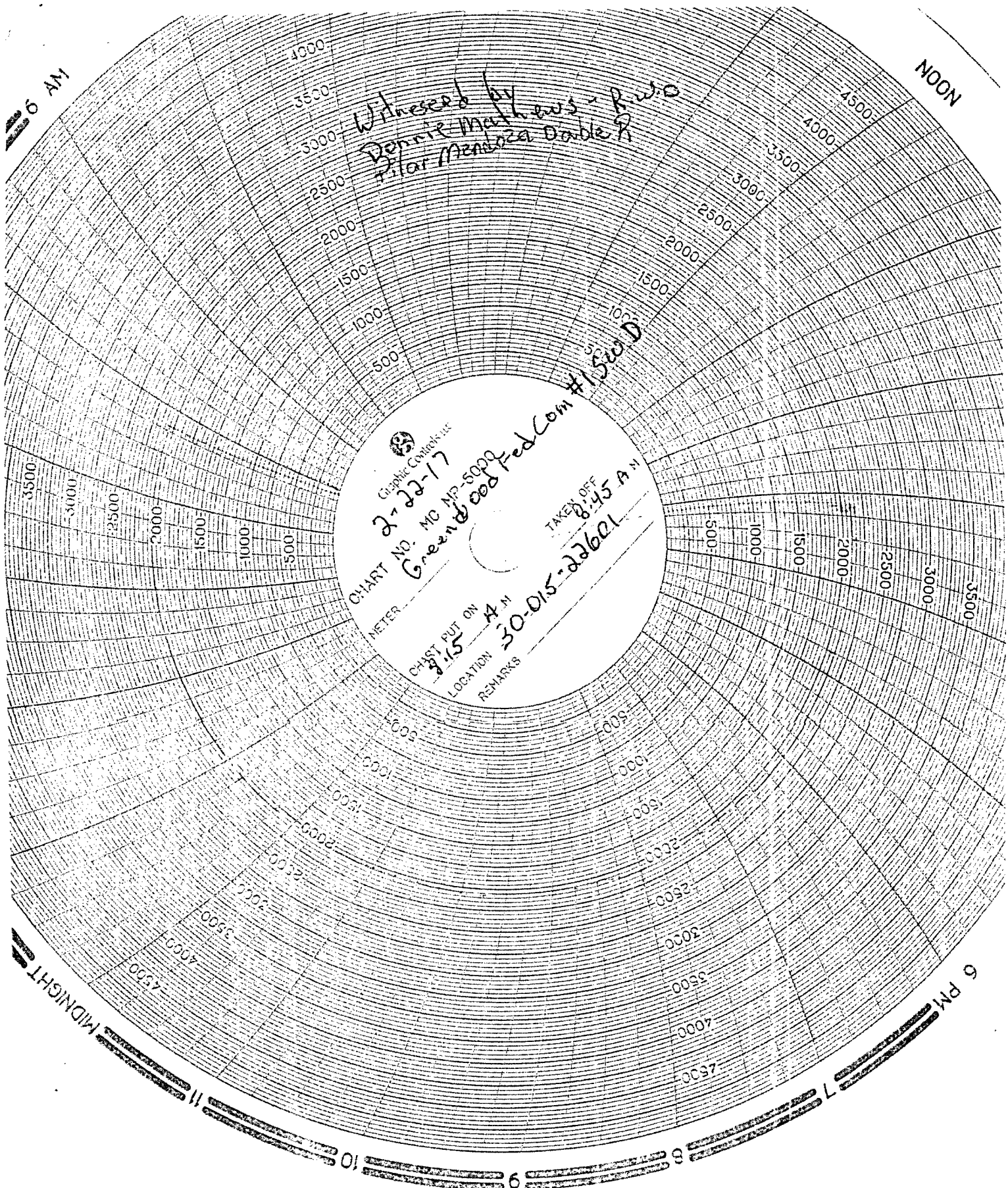
03/10/17 – PUMP PACKER FLUID. SET PACKER AT 10,370' WITH 316 JTS TBG. RIG DOWN  
WELLSERVICE UNIT.

03/22/17 – NOTIFY OCD DISTRICT 2 AND BLM THAT WE WERE READY FOR INITIAL MIT ON  
03/24/17 AT 9:00 AM.

03/24/17 – PERFORM INITIAL MIT, TEST SUCCESSFUL. (620 PSI). CHART SENT WITH MR. IN<sup>G</sup>NE  
WITH OCD ARTESIA. TEST WITNESSED BY OCD AND BLM.

**\*NOTE\***

WAITING ON ELECTRICITY AND DISPOSAL FACILITIES TO BE BUILT. WILL NOTIFY OCD AND BLM  
ON INITIAL DISPOSAL OPERATIONS.



Csg Int Test prior to Disposal Perts